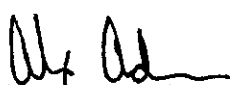


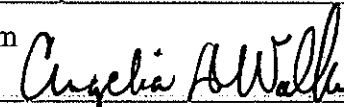


S&MA Mission Services

Task Directive

Control No: 143	Org. Code: QD20	Project Code: Shuttle PRA	Contract #: NAS8-00179
Originator: QD20/Alex Adams 		Date:	
Office Manager's Signature: QD20/Alex Adams 		Date:	
COTR's Signature: QD01/Terry Hamm  		Date: 01/13/05	
Subject: Additional Probabilistic Risk Assessment (PRA) support for MSFC Shuttle Elements			
Task Description: <ul style="list-style-type: none">· Conduct technical interchange meetings with each Shuttle prime (Rocketdyne, Pratt & Whitney, Thiokol, Lockheed Martin, USA) to insure consistency in modeling and quantification· Resolve technical issues between MSFC elements and JSC, KSC, and HQ· Provide expert support to the primes through modeling guidance and review of completed models· Assist primes in model development and quantification· Review models developed by the prime contractors and resolve any issues that are found· Input completed PRA models into the SAPHIRE software program· Assist SPO (Shuttle PRA Program Lead) in documentation, model development, qualification and integration· Assist SPO in setting up modeling efforts for iteration 3			
Required Action/Deliverables <ul style="list-style-type: none">· Trip reports from technical interchange meetings· Documentation of communication with Shuttle PRA Team· Documentation of review comments sent to Shuttle primes· Shuttle PRA models in SAPHIRE and Technical report			
Schedule <ul style="list-style-type: none">· Task effective 01/10/05 through 9/30/05			
Report Progress To: QD20/Alex Adams		Frequency of Report: On going	